

Lab-wide ADP Program

The purpose of the Lab-wide ADP Program is to acquire computer hardware, software, services, maintenance, etc. on a Laboratory-wide basis so as to realize both monetary and personnel savings. The following section gives an overview of the current Lab-wide contracts. For a detailed listing, see the Code 5595 Web page.

Hardware Maintenance . There are contracts in place for hardware maintenance on Sun, SGI, IBM, HP, and NEXT workstations. Contracts are also available for PCs and Macs, VAXes, printers and terminals, and FAXes and copiers.

Software Site Licenses . Site licenses are available for MacTCP, VAX TCP-IP, MacSLIP, NCAR Graphics on UNIX platforms, and Co-Xist for NEXT systems.

Acquisition Support . There are contracts in place to support the purchase of multimedia / virtual reality equipment, scientific software, desktop workstation equipment, and graphics workstation equipment.

Software Services . Contracts have been awarded for software analyst services for Open Systems and networks, DEC VAX systems and networks, and an NRL-wide membership with the Open Software Foundation.

Networking . Contracts are available for the purchase and maintenance of networking / ATM equipment, and for the maintenance of FORE systems (ATM). ■

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Consulting - Email

<http://amp.nrl.navy.mil/code5595>

Web Page - Code 5595

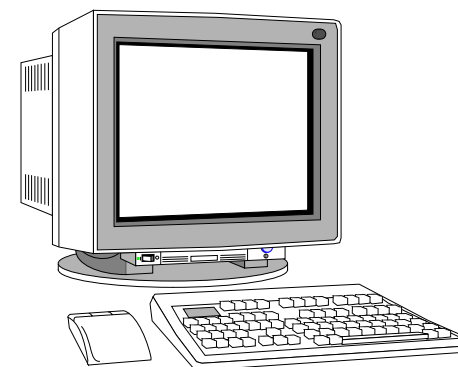
REVIEWED AND APPROVED

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Computational Support Services



**Center for Computational Science
Information Technology Division**

Computational Support Services

The Information Technology Division's Center for Computational Science (CCS, Code 5590) provides the Navy with access to high performance computing and communications (HPCC) capabilities and provides production computational services. The Computational Support Services Section (Code 5595) of the CCS provides a variety of support services for all divisions of NRL. ■

CCS Account Administration

Services include:

- opening & closing accounts
- re-setting passwords
- changing account numbers
- maintaining monthly accounting

for the File Server/Archiver, Lab-wide email, and the CCS Visualization Lab systems. ■

System Support

Services include:

- Lab-wide email
- PC and Mac support
- UNIX systems support
- training courses & seminars
- online software
- consulting ■

***Lab-wide Email

Doryce Moore, Code 5595.2 team leader, provides Lab-wide email services via a DEC alpha workstation. The system is also a POP server for pc/mac based email applications. ■

***PC and Macintosh Support

Commercial software for PC and Macintosh systems is available for demonstration and / or purchase via credit card or contract delivery order. Demonstrations are scheduled regularly for Tuesday afternoons, from 12:00 - 5:00 PM in the Building A-49 Visualization Lab. Installation is provided at the time of delivery for all software purchased. Technical support, training, and consulting services will also be provided, on an as needed basis. ■

***UNIX Systems Support

The System Support group provides a variety of support for UNIX workstations at NRL. The Online Software Repository is designed to meet the need for readily available software for the variety of distributed systems at the Lab.

We are also providing a number of UNIX system administration functions in an effort to minimize the amount of system administration being done by researchers at the Lab. If you need more help, we can then provide the transition to a system administrator working under contract. ■

***Training Courses & Seminars

The System Support group provides a schedule of seminars, training classes, and online course notes which support PCs, Windows NT, UNIX workstations, the CCS, and the use of the Internet from the Lab. The training room is equipped with terminals for "hands on" experience during class. The class formats range from 1.5 hour seminars to 9 hour (3 morning) courses. For current class listings, see the Web page for Code 5595. ■

***Online Software

The Online Software Repository currently contains over three dozen popular software packages in executable format for several common UNIX platforms. They are stored in an AFS file system which can be accessed by any UNIX workstation at the Lab that has an AFS client installed. All researchers have to do is put the appropriate AFS directory for their respective systems in their path variable to access the software.

Executables, associated libraries and man pages for the project software are available for the following operating systems:

- SunOS
- Sun Solaris
- SGI Irix
- IBM AIX RS6000
- HPUX
- Digital Unix (OSF)

Support for additional platforms will be considered in the future.

The selection of AFS ws made to ensure that this software is stored on a fast, reliable, and secure system. If your UNIX platform does not have an AFS client, our staff will install it for you; or we will provide you with step by step instructions so that you can do the installation. Since we have obtained an AFS site license, no cost is incurred by the user. ■

***Consulting

The System Support Group also provides "front line" consulting for CCS systems. We field questions in person, or via phone on (202)767-3884 or email (syssupport@nrl.navy.mil). ■